

**513 IV Pole communications error.****Probable cause:** Communication error.**Corrective action:**

1. Prime the system.
2. If the error still does not clear or if the error continues to occur, document the error message and contact AMO for technical service.

**514 IV Pole error.****Probable cause:** Communication error.**Corrective action:**

1. Prime the system.
2. If the error still does not clear or if the error continues to occur, document the error message and contact AMO for technical service.

**515 IV Pole calibration error.****Probable cause:** Communication error.**Corrective action:**

1. Run **Self Test**.
2. If the error still does not clear or if the error continues to occur, document the error message and contact AMO for technical service.

**516 IV Pole communication error.****Probable cause:** Communication error.**Corrective action:**

1. Prime the system.
2. If the error still does not clear or if the error continues to occur, document the error message and contact AMO for technical service.

**517 IV Pole is jammed.****Probable cause:**

- IV Pole motor failure.
- There is an obstruction that does not allow the IV pole to move.

**Corrective action:**

1. Check the IV pole for obstructions.
2. Prime the system.
3. If the error still does not clear or if the error continues to occur, document the error message and contact AMO for technical service.

**601 Tune excessive vacuum error.**

**Probable cause:** There is too much vacuum.

**Corrective action:**

1. Check tubing connections.
2. Check the handpiece. Replace the tip if needed.
3. Retune the handpiece.
4. If the error still does not clear, replace the handpiece with a new handpiece, and tune the handpiece.
5. If the error still does not clear or if the error continues to occur, document the error message and contact AMO for technical service.

**605 Tune no handpiece error.**

**Probable cause:** Hardware failure.

**Corrective action:**

1. Attach handpiece to the system.
2. Retune the handpiece.
3. If the error still does not clear, replace the handpiece with a new handpiece, and tune the handpiece.
4. If the error still does not clear or if the error continues to occur, document the error message and contact AMO for technical service.



# 9

## WARRANTY AND MAINTENANCE

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Warranty Statement

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**Warranty Statement**

Abbott Medical Optics Inc. warrants for a period of one year (12 months) from the date of installation of the **WHITESTAR SIGNATURE PRO** System console, foot pedal, wireless remote control, the programmable power pole, and the phaco handpiece to be free from defects in materials and workmanship when properly installed, maintained, and used for the intended purpose. In no event shall the date of installation be deemed to occur later than six months from the date of delivery of the **WHITESTAR SIGNATURE PRO** System by Abbott Medical Optics Inc. to the common carrier.

You are required to provide AMO with prompt written notice of any defect or defects and permit AMO to have access to the **WHITESTAR SIGNATURE PRO** System within a reasonable time after notification of any defect. In the event that you do not provide AMO with prompt notification of a defect or permit access to the **WHITESTAR SIGNATURE PRO** System within a reasonable time after notification, AMO is hereby released from all liability with reference to such defect and subsequent damage, if any, resulting from the inability of AMO to correct such defect.

MISUSE AND MISHANDLING ARE NOT COVERED UNDER WARRANTY. AMO's sole obligation is to repair or replace, at AMO's option, the defective part(s), which shall be returned freight prepaid to AMO by you and then returned to you freight collect once repaired or replaced.

The irrigation/aspiration handpiece set, diathermy forceps and diathermy cord are warranted for ninety (90) days.

This warranty applies only to the original purchaser/user of the device and may not be transferred. This warrant will be void if and only so long as the equipment is used in any country other than the country to which it was originally shipped by AMO.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL AMO BE LIABLE TO THE PURCHASER/USER FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL, OR PUNITIVE DAMAGES, LOSS OF PROFITS OR LOSS OF USE. The liability of AMO for breach of this warranty shall, in any case, be limited to the total amount paid by you for the **WHITESTAR SIGNATURE PRO** System furnished by AMO and any work performed by AMO in connection therewith.

**Extended Warranty**

Extended warranty contracts (excluding the phaco handpiece) are available. Contact AMO for information on the availability of an extended warranty contract.

Note: If outside the United States, contact your local AMO office or representative for warranty information.

## **Maintenance**

User maintenance of the **WHITESTAR SIGNATURE PRO** System is only for those adjustments and corrective actions in the Error Messages and Troubleshooting, and Diagnostics sections of this manual. There are no user serviceable components within the console and you must not attempt to access the internal components. Any attempt to do so will void the warranty.

AMO recommends, at least annually, routine or periodic maintenance of the **WHITESTAR SIGNATURE PRO** System by an AMO representative. AMO recommends the measurement of PE resistance and leakage current according to IEC 601-1 every two years.

If a problem continues following setup, check-out and troubleshoot as per the procedures in this manual, then contact AMO for corrective action (1-877-AMO-4-LIFE in USA 1-877-266-4543 or 1-800-511-0911 for outside the USA).



# 10

## SPECIFICATIONS

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Physical Specifications

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## Physical Specifications

**Table 10.1 – System Physical Specifications**

|                                                  |        | English / U.S.                       | Metric:   |
|--------------------------------------------------|--------|--------------------------------------|-----------|
| <b>WHITESTAR SIGNATURE PRO</b><br>System Console |        |                                      |           |
| Console dimensions (with display)                | Width  | 24 inches                            | 61 cm     |
|                                                  | Depth  | 24 inches                            | 61 cm     |
|                                                  | Height | 59 inches                            | 150 cm    |
| Power cord length                                |        | 20 feet                              | 6 meters  |
| Electrical enclosure current leakage             |        | IEC 60601-1 compliance<br>UL 60601-1 |           |
| Weight (including IV pole)                       |        | 185 pounds                           | 84 kg     |
| Foot Pedal                                       |        |                                      |           |
| <b>Single Linear Foot Pedal</b>                  |        |                                      |           |
| Dimensions                                       | Width  | 12 inches                            | 31 cm     |
|                                                  | Length | 10.5 inches                          | 27 cm     |
|                                                  | Height | 5.5 inches                           | 14 cm     |
| Weight                                           |        | 10.0 pounds                          | 4.5 kg    |
| <b>Advanced Control Pedal</b>                    |        |                                      |           |
| Dimensions                                       | Width  | 10.5 inches                          | 27 cm     |
|                                                  | Length | 14 inches                            | 36 cm     |
|                                                  | Height | 5.5 inches                           | 14 cm     |
| Weight                                           |        | 15 pounds                            | 7 kg      |
| Cord Length                                      |        | 11.8 feet                            | 36 cm     |
| <b>Advance Linear Pedal</b>                      |        |                                      |           |
| Dimensions                                       | Width  | 9.82 inches                          | 25 cm     |
|                                                  | Length | 15.57 inches                         | 39.6 cm   |
|                                                  | Height | 4.88 inches                          | 12.4 cm   |
| Weight                                           |        | 13 pounds                            | 5 kg      |
| Cord Length                                      |        | 12 feet                              | 366 cm    |
| <b>Programmable IV Pole</b>                      |        |                                      |           |
| Maximum travel                                   |        | 41 inches                            | 106 cm    |
| Velocity                                         |        | 2.4 inches/sec                       | 6 cm/sec. |
| Maximum lift weight                              |        | 2.43 pounds                          | 1.1 kg    |

|                                |        | <b>English / U.S.</b> | <b>Metric:</b> |
|--------------------------------|--------|-----------------------|----------------|
| <b>Wireless Remote Control</b> |        |                       |                |
|                                | Width  | 5 inches              | 13 cm          |
|                                | Length | 5 inches              | 13 cm          |
|                                | Height | 1.5 inches            | 4 cm           |
|                                | Weight | 2.0 pounds            | .9 kg          |

### Environmental Specifications

**Table 10.2 – Environmental Specifications**

|                                          |                       |                                                           |
|------------------------------------------|-----------------------|-----------------------------------------------------------|
| <b>Environmental Specifications</b>      | Operating Temperature | 10 to 40°C                                                |
|                                          | Humidity              | Up to 95% RH, non-condensing                              |
|                                          | Ambient Pressure      | See Vitrectomy Specifications for additional information. |
| <b>Storage/Transportation Conditions</b> | Storage Temperature   | -20 to 60°C                                               |
|                                          | Humidity              | Up to 95% RH, non-condensing                              |

### Electrical Specifications

**Table 10.3 – Electrical Specifications**

|               | <b>Voltage</b> | <b>Frequency</b> | <b>Rated Power</b> | <b>Fuse Rating</b>      | <b>Enclosure Current Leakage</b> |
|---------------|----------------|------------------|--------------------|-------------------------|----------------------------------|
| <b>System</b> | 100-240 Vac    | 50-60 Hz         | 750 VA             | 6.3A, 250V, Bussman GDA | <500 µA                          |

### Phacoemulsification Specifications

**Table 10.4 – Phacoemulsification Specifications**

|                  |                |                                                  |
|------------------|----------------|--------------------------------------------------|
|                  | Phaco Power    | 1%-5% in 1% increments, 5-100%, in 5% increments |
| Peristaltic Pump | Vacuum Level   | 0–650 mmHg in 5 mmHg increments                  |
|                  | Pump Flow Rate | 0-60 cc/minute                                   |
| Venturi Pump     | Vacuum Level   | 0-600 mmHg in 5 mmHg increments                  |

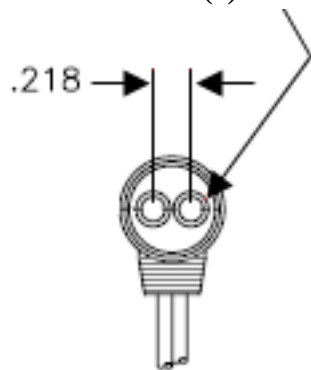
**Irrigation and Aspiration Specifications****Table 10.5 – Irrigation and Aspiration Specifications**

|                  |              |                                 |
|------------------|--------------|---------------------------------|
| Peristaltic Pump | Vacuum Level | 0–650 mmHg in 5 mmHg increments |
|                  | Pump Flow    | 0-60 cc/minute                  |
| Venturi Pump     | Vacuum Level | 0-600 mmHg in 5 mmHg increments |

**Vitrectomy Specifications****Table 10.6 – Vitrectomy Specifications**

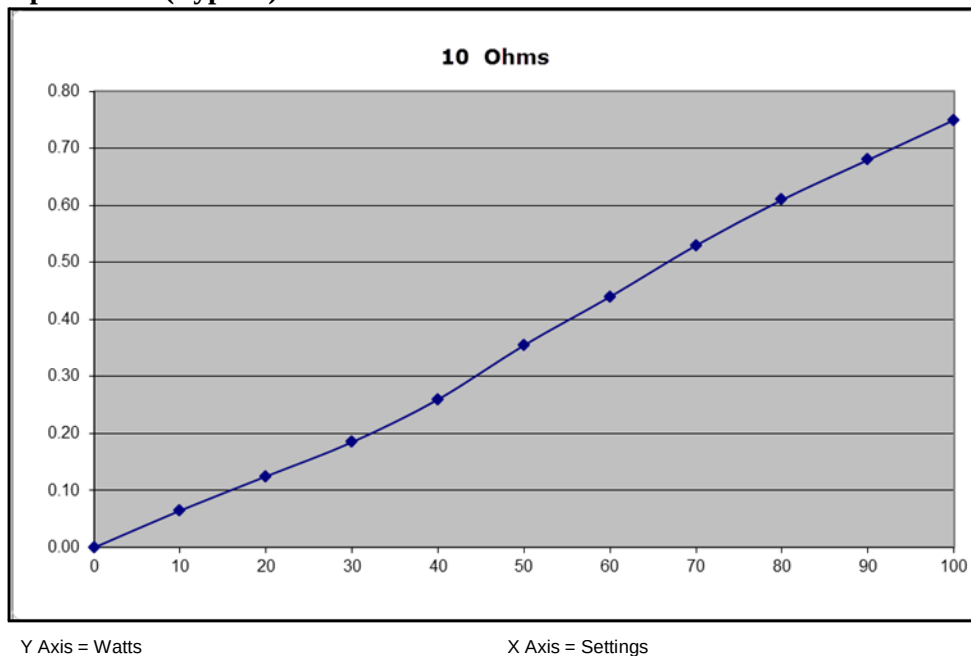
|                               |                                                                                                                                                                                                                          |                                     |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Peristaltic Pump              | Vacuum Level                                                                                                                                                                                                             | 0–650 mmHg in 5 mmHg increments     |
|                               | Pump Flow Rate                                                                                                                                                                                                           | 10-60 cc/minute, in 1 cc increments |
| Venturi Pump                  | Vacuum Level                                                                                                                                                                                                             | 0-600 mmHg in 5 mmHg increments     |
| Atmospheric Pressure/Altitude | Density Altitude (DA) conditions are 2,500 cpm from sea level to 3,000 feet (914.4 m) elevation and shall be de-rated by 100cpm per 1,000ft (304.8 m) additional elevation up to a maximum of 10,000 ft above sea level. |                                     |
| Indicated Cut Rate            | Actual Cut Rate Upper Limit (cpm)                                                                                                                                                                                        | Actual Cut Rate Lower Limit (cpm)   |
| 2500                          | 3000                                                                                                                                                                                                                     | 2000                                |

**Diathermy  
Specifications****Table 10.7 – Diathermy Specifications**

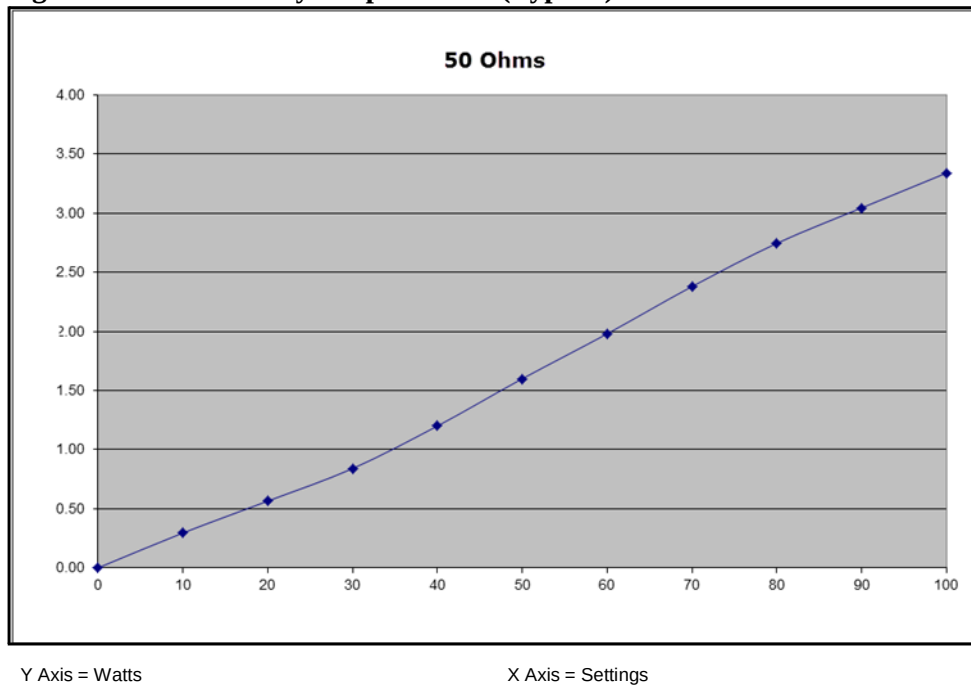
|                                                 |                                                                                                                                                        |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Adjustment                                | 5% to 100%, in 5% increments                                                                                                                           |
| Diathermy Power (maximum power into rated load) | 8.5 Watts into 350 Ohms 386 kHz                                                                                                                        |
| Diathermy Type                                  | Bipolar                                                                                                                                                |
| Rated Peak Voltage                              | 160 Volts                                                                                                                                              |
| Connector of diathermy forcep/<br>probe         | <p>Ø.072 RECEPTACLE (2)</p>  <p>All measurements are in inches.</p> |

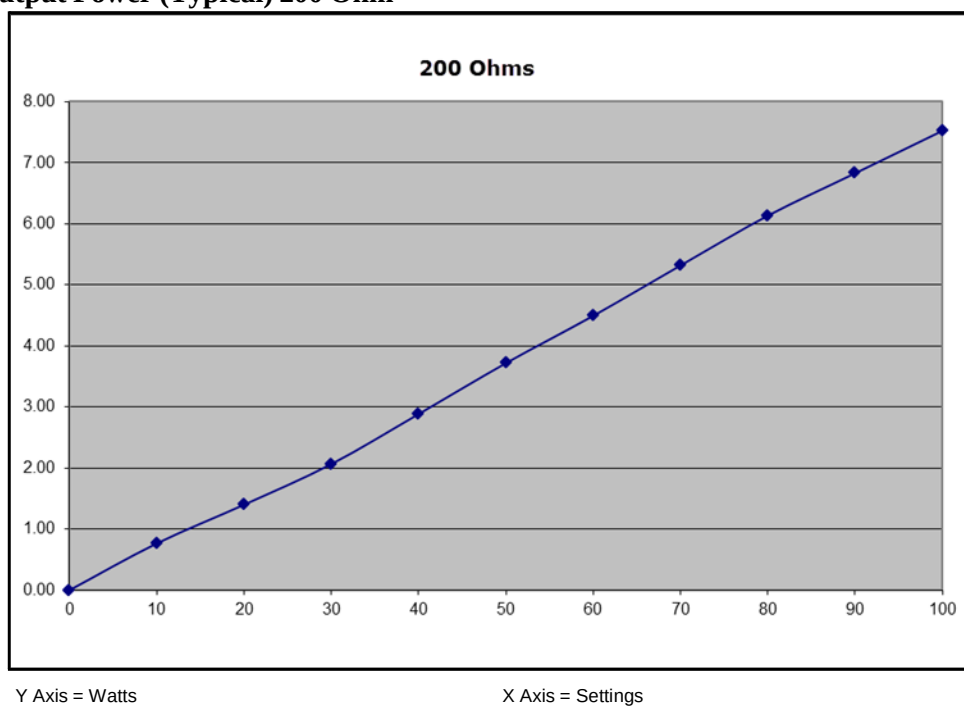
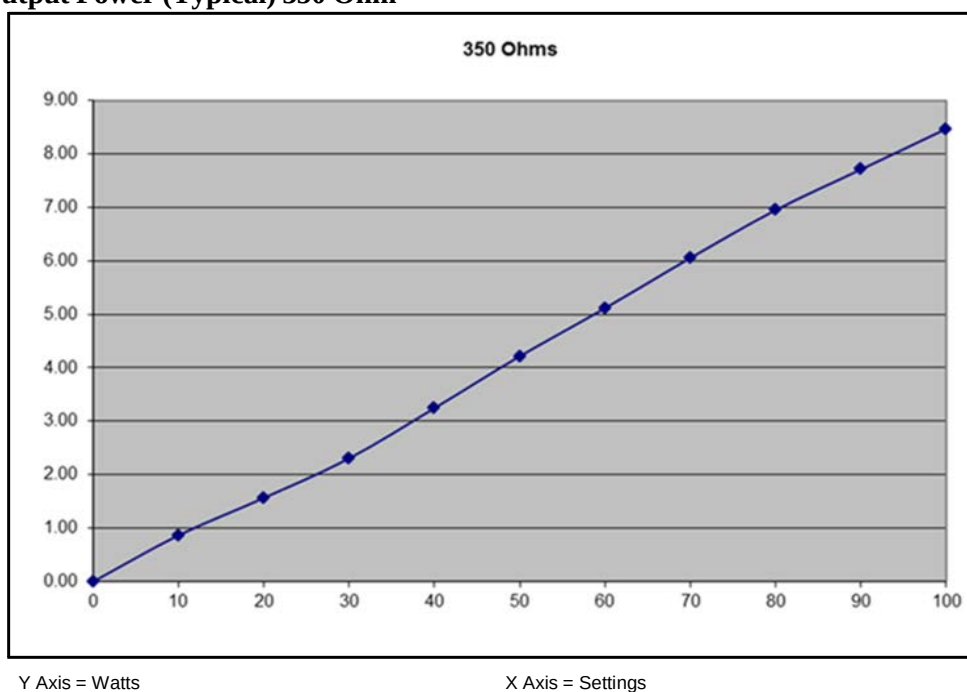
## Diathermy Power Graphs

**Figure 10.1 – Diathermy Output Power (Typical) 10 Ohm**

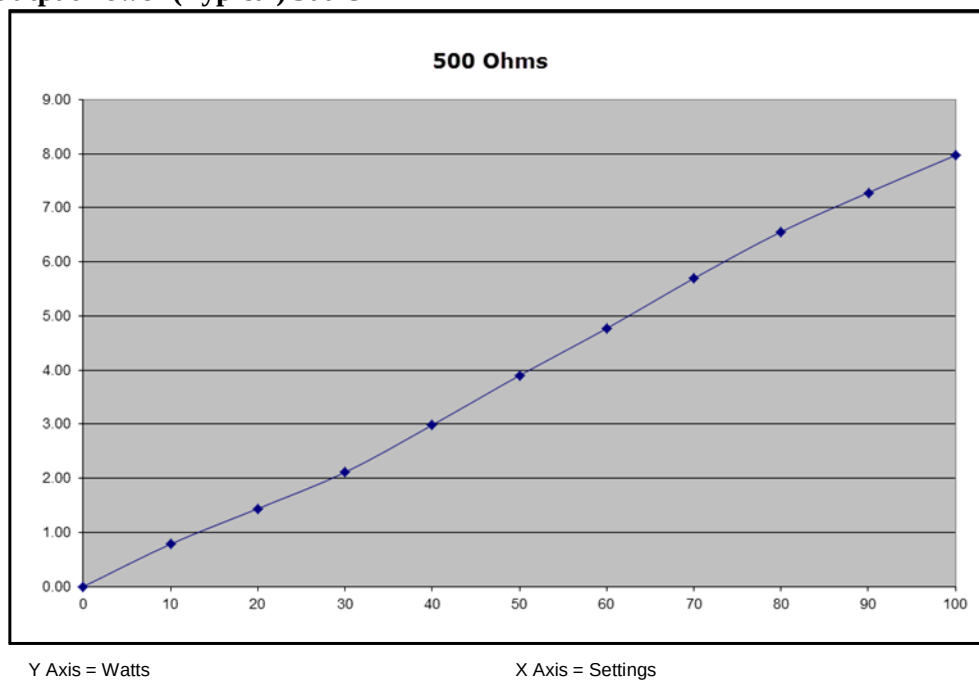


**Figure 10.2 – Diathermy Output Power (Typical) 50 Ohm**

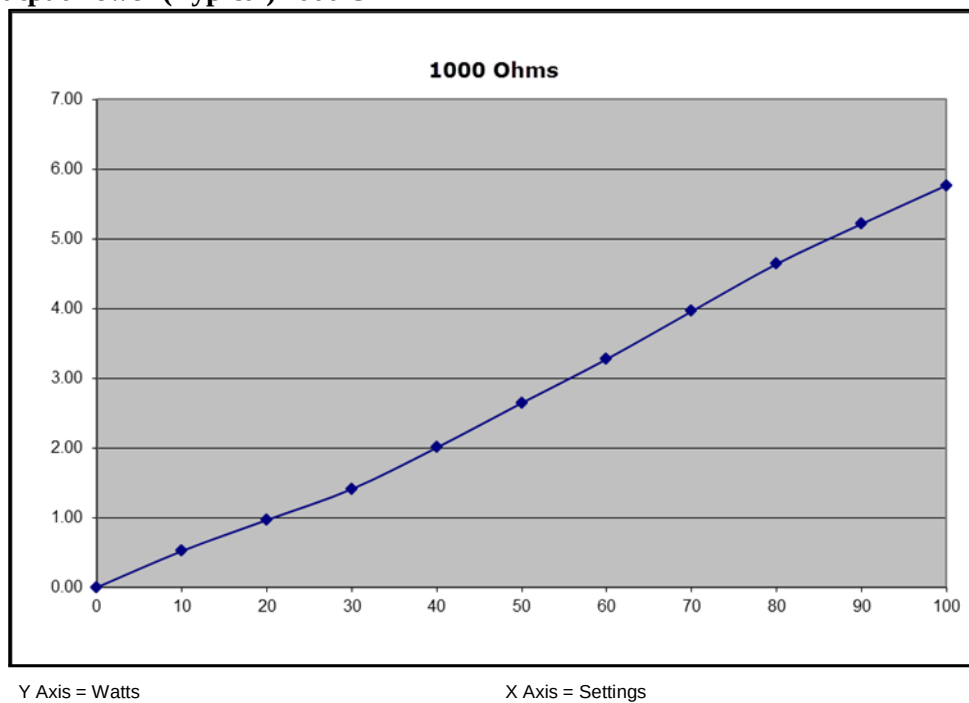


**Figure 10.3 – Diathermy Output Power (Typical) 200 Ohm****Figure 10.4 – Diathermy Output Power (Typical) 350 Ohm**

**Figure 10.5 – Diathermy Output Power (Typical) 500 Ohm**

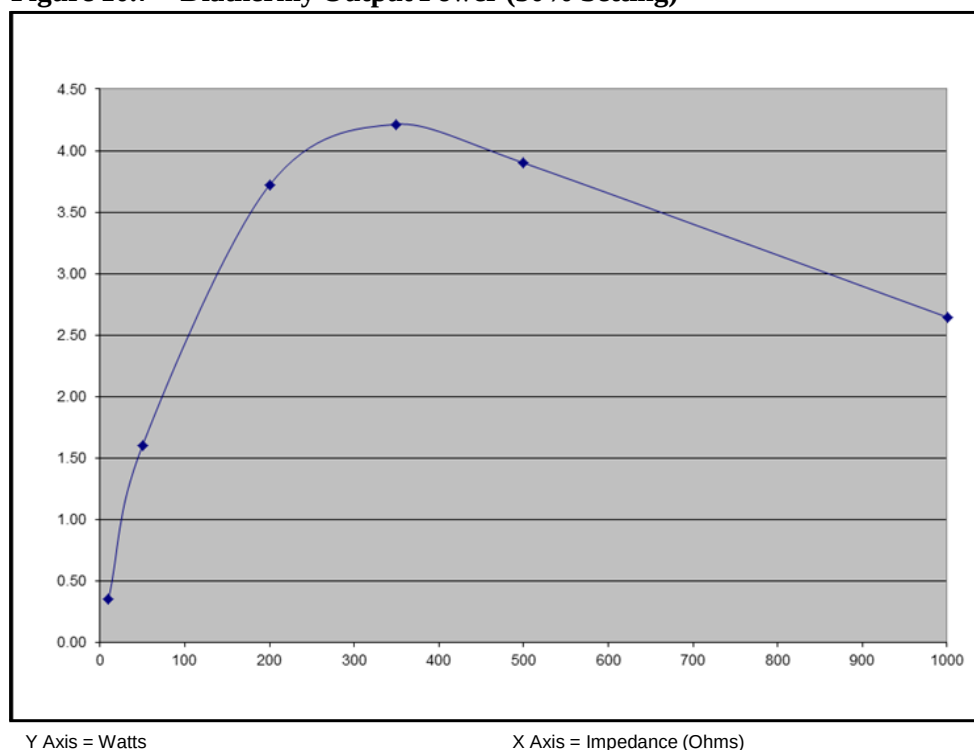


**Figure 10.6 – Diathermy Output Power (Typical) 1000 Ohm**

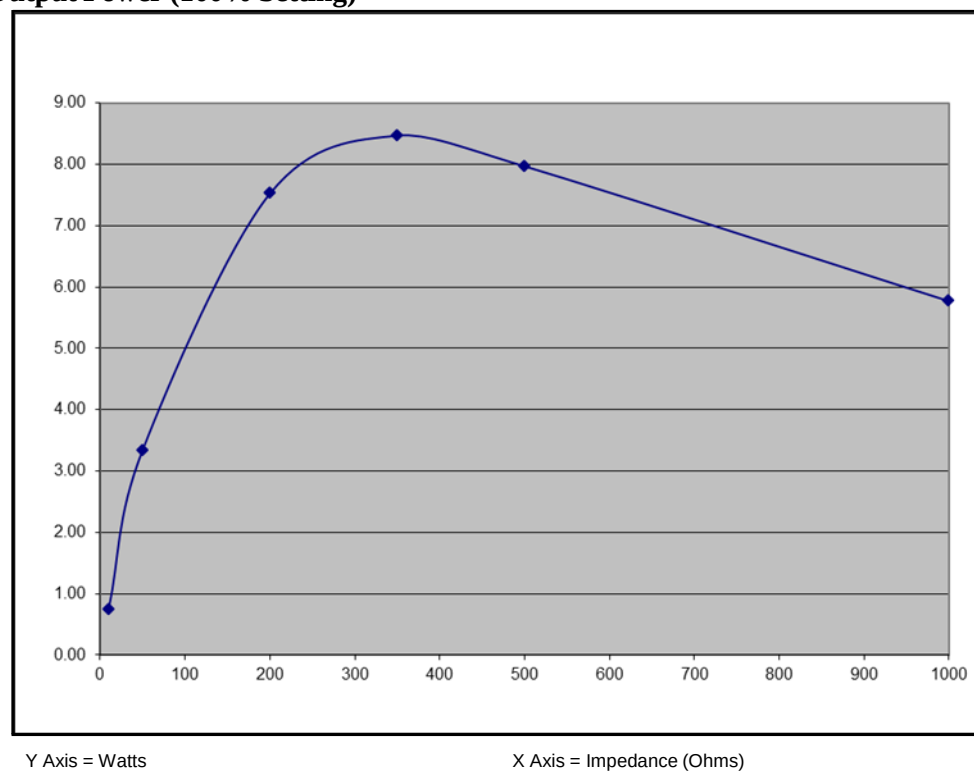


### Diathermy Power versus Load Impedance

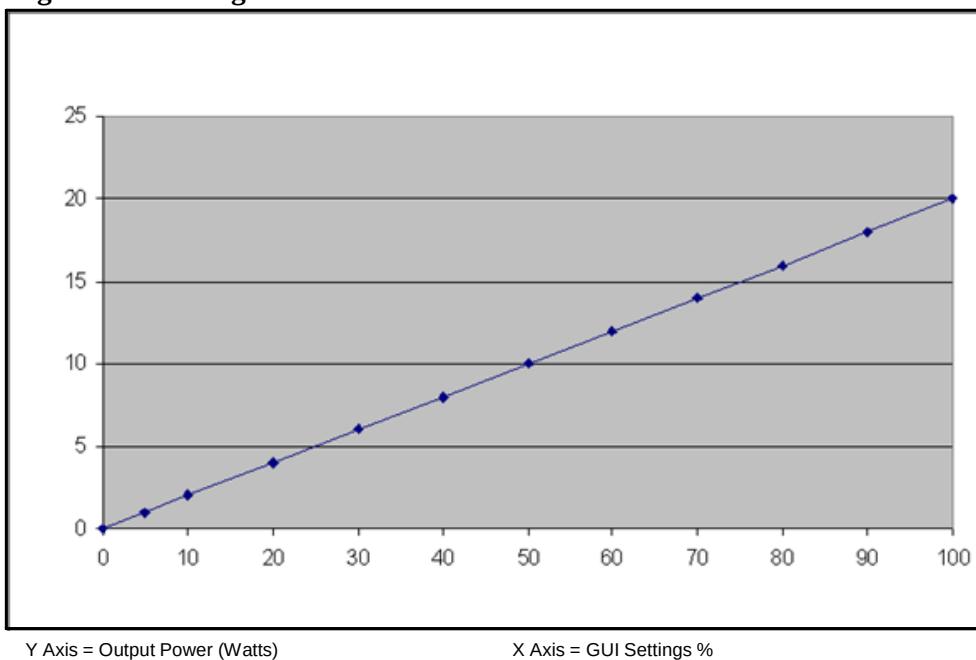
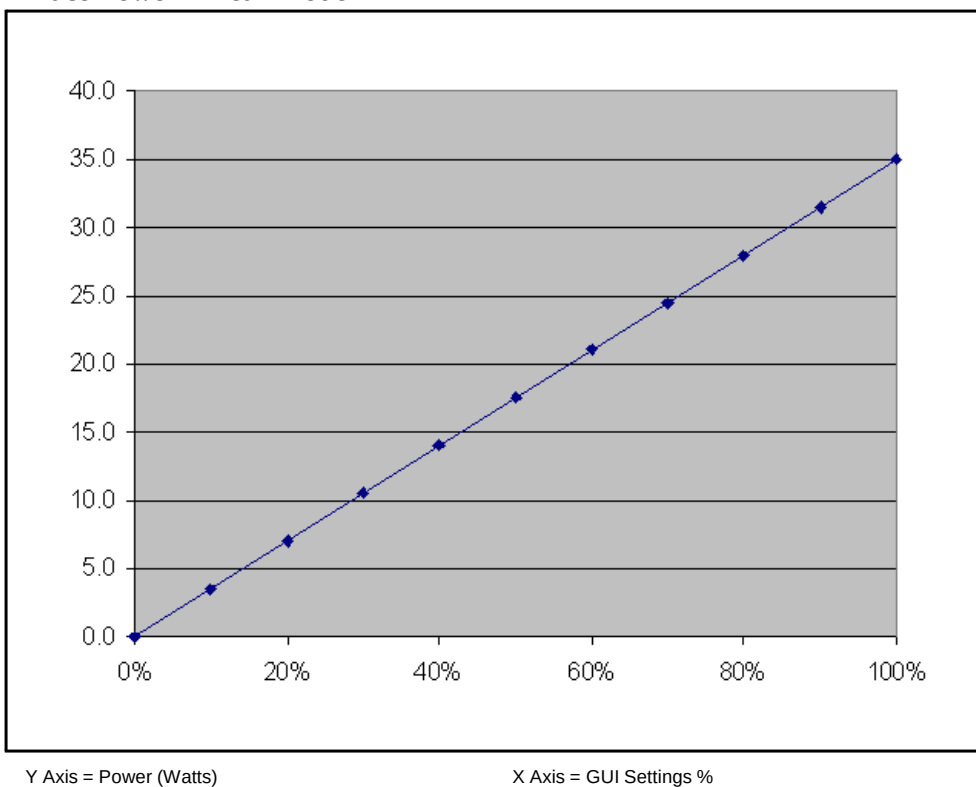
**Figure 10.7 – Diathermy Output Power (50% Setting)**



**Figure 10.8 – Diathermy Output Power (100% Setting)**



## Phaco Power Graphs

**Figure 10.9 – Longitudinal Phaco Power****Figure 10.10 – ELLIPS FX Phaco Power Linear Mode**

**Phaco Tip Velocity**

Nominal Velocity for the **ELLIPS FX** handpiece and the **WHITESTAR** handpiece at 100% power, continuous, with the OPOR3020L phaco tip is shown in the following table.

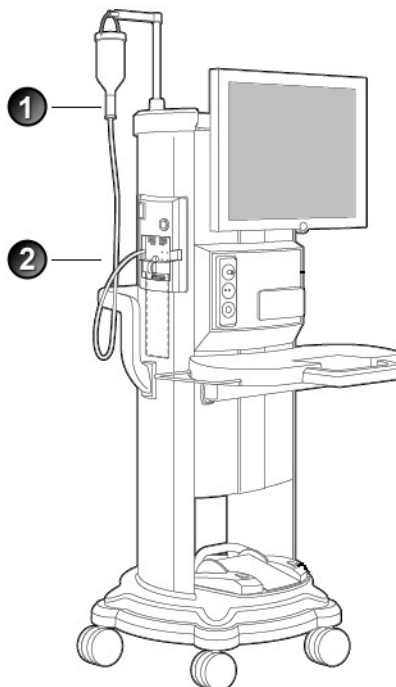
| Handpiece                     | Nominal Longitudinal Velocity (m/s) |
|-------------------------------|-------------------------------------|
| <b>ELLIPS FX</b> (690880 (A)) | 8.85                                |
| <b>WHITESTAR</b> (690697 (A)) | 11.13                               |

**Bottle Height Pressure**

The **WHITESTAR SIGNATURE PRO** System has a built in IV pole to generate positive pressure using balanced salt solution to provide positive irrigation fluid.

Measurement points:

- All measurements are taken with a pressure meter at the same height as the pressure sensor in the **WHITESTAR SIGNATURE PRO** System.
- This position is defined as 41 inches or 101.6 cm from the floor.



1. Center of Drip Chamber
2. Center of pressure sensor is 41 inches or 104.2 cm from the floor

An IV bottle height reported as 0 cm includes an offset of 7.9 inches or 20 cm to make sure that a positive pressure is always provided.

**Table 10.8 – Expected Pressure as a function of Bottle Height**

| <b>Bottle Height cm</b> | <b>Theoretical Pressure mmHg</b> | <b>Corrected Pressure At Patient Eye Level mmHg</b> |
|-------------------------|----------------------------------|-----------------------------------------------------|
| 0                       | 0.00                             | 14.80                                               |
| 20                      | 14.80                            | 29.60                                               |
| 40                      | 29.60                            | 44.40                                               |
| 60                      | 44.40                            | 59.20                                               |
| 80                      | 59.20                            | 74.00                                               |
| 100                     | 74.00                            | 88.80                                               |
| 105                     | 77.70                            | 92.50                                               |

# 11

## ACCESSORIES AND PARTS REORDERING

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Accessories and Parts List

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**Table 11.1 – WHITESTAR SIGNATURE PRO System Part Number**

| Name                                      | Description                         | Part number |
|-------------------------------------------|-------------------------------------|-------------|
| <b>WHITESTAR SIGNATURE PRO</b><br>Console | An ophthalmic microsurgical system. | NGP680301   |

**List of Accessories  
with Part Numbers**

The following table is a list of accessories that you can use to reorder parts for your **WHITESTAR SIGNATURE PRO** System. Your AMO representative can advise you of recommended inventory levels based your facility's volume of phacoemulsification procedures. You can order any of the items listed below through your AMO representative or directly through AMO customer service. Your AMO representative can confirm the availability of these items in your area.

**Table 11.2 – Accessories and Parts List**

| System Accessories     | Part Number | Description                                                     |
|------------------------|-------------|-----------------------------------------------------------------|
| <b>Phaco Handpiece</b> | 690697      | <b>WHITESTAR</b> Phaco Handpiece, Coaxial                       |
|                        | 690880      | <b>ELLIPS FX</b> Phaco Handpiece                                |
|                        | OPOR0019L   | 19 Gauge <b>LAMINAR</b> Flow Phaco Tip, 0° Round Tip            |
|                        | OPOR1519L   | 19 Gauge <b>LAMINAR</b> Flow Phaco Tip, 15° Round Tip           |
|                        | OPOR3019L   | 19 Gauge <b>LAMINAR</b> Flow Phaco Tip, 30° Round Tip           |
|                        | OPOR4519L   | 19 Gauge <b>LAMINAR</b> Flow Phaco Tip, 45° Round Tip           |
|                        | OPOR0020L   | 20 Gauge <b>LAMINAR</b> Flow Phaco Tip, 0° Round Tip            |
|                        | OPOR1520L   | 20 Gauge <b>LAMINAR</b> Flow Phaco Tip, 15° Round Tip           |
|                        | OPOR3020L   | 20 Gauge <b>LAMINAR</b> Flow Phaco Tip, 30° Round Tip           |
|                        | OPOR4520L   | 20 Gauge <b>LAMINAR</b> Flow Phaco Tip, 45° Round Tip           |
|                        | OPOCR3019L  | Disposable <b>LAMINAR</b> Flow Phaco Tip, 19 Gauge, 30° Curved  |
|                        | OPOCR3020L  | Disposable <b>LAMINAR</b> Flow Phaco Tip, 20 Gauge, 30° Curved  |
|                        | OPOS19L     | 19 Gauge <b>LAMINAR</b> Flow Irrigation Sleeve and Test Chamber |
|                        | OPOS20L     | 20 Gauge <b>LAMINAR</b> Flow Infusion Sleeve and Test Chamber   |
|                        | OPOMTWL     | <b>LAMINAR</b> Flow Tip Wrench                                  |
| <b>I/A Handpiece</b>   | OPOIA20CRV  | SOLO I/A Handpiece, 20 Ga., Curved Silicone Sleeve Tip          |
|                        | OPOIA2045D  | SOLO I/A Handpiece, 20 Ga., 45° Silicone Sleeve Tip             |
|                        | OPOIA20STR  | SOLO I/A Handpiece, 20 Ga., Straight Silicone Sleeve Tip        |
|                        | OPOIA20KIT  | SOLO I/A Handpiece Kit                                          |
|                        | OM055002    | <b>PHACOFIT</b> Titanium Handle                                 |
|                        | OM05510110  | <b>PHACOFIT</b> I/A Tip Curved 0.5 mm Port                      |

| <b>System Accessories</b>  | <b>Part Number</b> | <b>Description</b>                                  |
|----------------------------|--------------------|-----------------------------------------------------|
|                            | OM05510112         | <b>PHACOFIT</b> O-Ring's I/A Tip (5PK)              |
|                            | OM05510113         | <b>PHACOFIT</b> Titanium, Multi-Tip Set             |
|                            | OM05510114         | <b>PHACOFIT</b> Cleaning/Flushing Kit               |
|                            | OM05510115         | <b>PHACOFIT</b> Tip, Luer Adapter (Aspiration)      |
|                            | OM05510116         | <b>PHACOFIT</b> Tip, 45 Degree Silicone (No Sleeve) |
|                            | OM0551011          | <b>PHACOFIT</b> I/A Tip Straight 0.3 MM Port        |
|                            | OM0551012          | <b>PHACOFIT</b> I/A Tip Curved 0.3 mm Port          |
|                            | OM0551013          | <b>PHACOFIT</b> I/A Tip 45 Degree 0.3 mm Port       |
|                            | OM0551014          | <b>PHACOFIT</b> I/A Tip 90 Degree 0.3 mm Port       |
|                            | OM0551015          | <b>PHACOFIT</b> I/A Tip Binkhorst 0.3 mm Port       |
|                            | OM0551016          | <b>PHACOFIT</b> I/A Tip Straight SI 0.3 mm Port     |
|                            | OM0551017          | <b>PHACOFIT</b> I/A Luer Adapter, F/F               |
|                            | OM0551018          | <b>PHACOFIT</b> I/A Tip Curved, SI, 0.3 mm Port     |
|                            | OM0551019          | <b>PHACOFIT</b> I/A Tip Straight 0.5 MM Port        |
|                            | OM0551020J         | <b>PHACOFIT</b> Athlete I/A Tip Straight Type       |
|                            | OM0551021J         | <b>PHACOFIT</b> Athlete I/A Tip 45 Degree Type      |
|                            | DUA02020           | DUET STARTER KIT, 20GA                              |
|                            | DU02100            | DUET ASPIRATION HANDLE                              |
|                            | DU02200            | DUET IRRIGATION HANDLE                              |
|                            | DU02301            | DUET 20G CURVED IRRIGATOR CLOSED END                |
|                            | DU02302            | DUET 20G CURVED ASPIRATION 0.3MM PORT CAP POL       |
|                            | DU02303            | DUET 19G FINE IRRIGATING CHOPPER                    |
|                            | DU02305            | DUET 20G OLSON II IRRIGATING CHOPPER                |
|                            | DU02325            | DUET MST Aguirre Duet Tip                           |
|                            | DU02335            | DUET MST Fine/Nagahara Tip                          |
| <b>Diathermy Handpiece</b> | SCP680600          | Diathermy Power Cable                               |
|                            | K121085            | Bipolar Forceps, Curved Iris 0.5 mm Tip             |
|                            | K147000            | 18 Gauge Straight Diathermy Pencil, reusable        |
| <b>Vitreotomy Cutter</b>   | NGP0020            | 20 gauge Vitreous Cutter                            |
|                            | NGP0023            | 23 gauge Vitreous Cutter                            |
|                            | NGP0025            | 25 gauge Vitreous Cutter                            |

| <b>System Accessories</b>      | <b>Part Number</b> | <b>Description</b>                                                                            |
|--------------------------------|--------------------|-----------------------------------------------------------------------------------------------|
| <b>FUSION Pack</b>             | OPO70              | <b>FUSION</b> Pack (disposable, sterile)                                                      |
|                                | OPO71              | <b>FUSION</b> Dual Pump Pack (disposable, sterile)                                            |
| <b>Wireless Remote Control</b> | NGP680137          | <b>WHITESTAR SIGNATURE PRO</b> System Remote Control                                          |
|                                | 0100-1834          | AC Charger, <b>SIGNATURE</b> Wireless Remote                                                  |
| <b>Foot Pedal</b>              | NGP680701          | <b>WHITESTAR SIGNATURE</b> System Single Linear Foot Pedal                                    |
|                                | NGP680702          | <b>WHITESTAR SIGNATURE</b> System Advanced Control Pedal                                      |
|                                | NGP680703          | <b>WHITESTAR SIGNATURE PRO</b> System Advanced Linear Foot Pedal                              |
|                                | 0100-1835          | AC Charger, <b>SIGNATURE</b> Wireless Foot Pedal                                              |
|                                | 0100-0055          | CABLE ASSY, WHITESTAR SERIES FOOT PEDAL (Single Linear Foot Pedal and Advanced Control Pedal) |
|                                | 0100-6303          | Cable Assy, Advanced Linear Foot Pedal to Console, Signature                                  |
|                                | 0100-1836          | LI-BATTERY, <b>SIGNATURE PRO</b> Advanced Linear Pedal                                        |
| <b>Miscellaneous</b>           | 2410-0049-L        | Power cord, hospital grade, 20 ft., 6.1 meters                                                |
|                                | OM05510114         | I/A Cleaning Kit                                                                              |
|                                | 0100-0750          | <b>WHITESTAR SIGNATURE</b> System Dust Cover                                                  |
|                                | MSR309             | Sterilization Tray                                                                            |
| <b>Operator's Manual</b>       | NGP Z370494        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Bulgarian)                           |
|                                | NGP Z370495        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Chinese)                             |
|                                | NGP Z370496        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Czech)                               |
|                                | NGP Z370497        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Croatian)                            |
|                                | NGP Z370498        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Danish)                              |
|                                | NGP Z370499        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Dutch)                               |
|                                | NGP Z370500        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (English)                             |
|                                | NGP Z370501        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Estonian)                            |
|                                | NGP Z370502        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Finnish)                             |
|                                | NGP Z370503        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (French)                              |

| <b>System Accessories</b> | <b>Part Number</b> | <b>Description</b>                                                             |
|---------------------------|--------------------|--------------------------------------------------------------------------------|
|                           | NGP Z370504        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (German)               |
|                           | NGP Z370505        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Greek)                |
|                           | NGP Z370506        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Hungarian)            |
|                           | NGP Z370507        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Italian)              |
|                           | NGP Z370508        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Japanese)             |
|                           | NGP Z370509        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Korean)               |
|                           | NGP Z370510        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Latvian)              |
|                           | NGP Z370511        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Lithuanian)           |
|                           | NGP Z370512        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Norwegian)            |
|                           | NGP Z370513        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Polish)               |
|                           | NGP Z370514        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Portuguese)           |
|                           | NGP Z370515        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Portuguese-Brazilian) |
|                           | NGP Z370516        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Romanian)             |
|                           | NGP Z370517        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Russian)              |
|                           | NGP Z370518        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Serbian)              |
|                           | NGP Z370519        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Slovakian)            |
|                           | NGP Z370520        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Slovenian)            |
|                           | NGP Z370521        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Spanish)              |
|                           | NGP Z370522        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Swedish)              |
|                           | NGP Z370523        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Turkish)              |

| <b>System Accessories</b> | <b>Part Number</b> | <b>Description</b>                                                            |
|---------------------------|--------------------|-------------------------------------------------------------------------------|
|                           | NGP Z370526        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual (Traditional Chinese) |
|                           | NGP Z370524        | <b>WHITESTAR SIGNATURE PRO</b> System Operator's Manual CD, Multilingual      |

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